

**Notice of Allowability**

Application No.

09/707,061

Examiner

Tri H. Phan

Applicant(s)

ZALKA, ERNO

Art Unit

2661

**-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--**

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to the amendment filed on November 22nd, 2004 and the communication on February 17th, 2005.
2. ☒ The allowed claim(s) is/are 1-2,4-8 and 10-19 (Now renumbered as 1-17).
3. ☒ The drawings filed on 06 November 2000 are accepted by the Examiner.
4. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
  - a) ☐ All    b) ☐ Some\*    c) ☐ None    of the:
  1. ☐ Certified copies of the priority documents have been received.
  2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
  3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

\* Certified copies not received: \_\_\_\_\_.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.  
**THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.**

5. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
  6. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
    - (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
      - 1) ☐ hereto or 2) ☐ to Paper No./Mail Date \_\_\_\_\_.
    - (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date \_\_\_\_\_.
- Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
7. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

**Attachment(s)**

1. ☒ Notice of References Cited (PTO-892)
2. ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3. ☐ Information Disclosure Statements (PTO-1449 or PTO/SB/08),  
Paper No./Mail Date \_\_\_\_\_
4. ☐ Examiner's Comment Regarding Requirement for Deposit  
of Biological Material
5. ☐ Notice of Informal Patent Application (PTO-152)
6. ☒ Interview Summary (PTO-413),  
Paper No./Mail Date \_\_\_\_\_
7. ☒ Examiner's Amendment/Comment
8. ☒ Examiner's Statement of Reasons for Allowance
9. ☐ Other \_\_\_\_\_

 2/17/05

## DETAILED ACTION

### *Response to Amendment/Arguments*

1. This Office Action is in response to the Response/Amendment filed on November 22<sup>nd</sup>, 2004 and the communication on February 17<sup>th</sup>, 2005. Claims 3 and 9 are now canceled and new claims 14-19 are added. Claims 1-2, 4-8, and 10-19 are now pending in the application.

### EXAMINER'S AMENDMENT

2. An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it **MUST** be submitted no later than the payment of the issue fee.

Authorization for this examiner's amendment was given in a telephone interview with Attorney **Alfred W. Froebrich** (Reg# 38,887) on February 17<sup>th</sup>, 2005.

The application has been amended as follows:

#### IN THE CLAIM:

The following change to the claims 1, 3, 7, 9, 10, 15 and 18 have been approved by the examiner and agreed upon by applicant:

For claim 1, line 14, the phrase

-- (c1A) forwarding the retrieved login information to the particular user's wireless terminal for possible modification by the user;

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**(c1B) returning the retrieved login information from the wireless terminal to the gateway; --**

has been inserted after the term "... in to the particular server;" in a new line and before the word "and".

For claim 3, line 1, substitute the claim's status "original" to -- **canceled** --.

For claim 7, line 18, the phrase

**-- , wherein the third logic forwards to the login information to the user for possible modification and accepts the login information back from the user regardless of whether modified --**

has been inserted after the term "... in to the server" and before the word "; and".

For claim 9, line 1, substitute the claim's status "original" to -- **canceled** --.

For claim 10, line 1, substitute the number "9" right after the word "claim" to -- **7** --.

For claim 15, delete the term "(c1A)" right in front of the word "comparing" in line 3.

For claim 15, delete the term "(c1B)" right in front of the word "storing" in line 4.

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For claim 18, line 3, insert the phrase -- **and storing the received login information** -- right in front of the term “if the stored login information”.

***Reasons For Allowance***

3. Claims 1-2, 4-8 and 10-19 are allowed. The following is an examiner’s statement of reasons for allowance:

Claims 1-2, 4-8 and 10-19 are considered allowable since when reading the claims in light of the specification, none of the references of record-alone or in combination disclose or suggest the combination of limitations specified in the independent claims including.

Substantially regarding claim 1, the prior art of record fails to disclose the method for logging users of mobile terminals in to wide-area network (WAN) servers in the system for connecting users at wireless terminals to WAN servers via the wireless telephone network connected to the WAN gateway, which comprises the steps of determining in the gateway whether the particular user has previously logged in to the particular server of the WAN servers, wherein the gateway stores login information for the plurality of the WAN servers that the particular user has previously logged in to, and if the particular user has not previously logged in to the particular server: storing in the gateway login information provided by the particular user for logging the particular user in to the particular server and forwarding the login information provided by the particular user to the particular server, and if the particular user has previously logged in to the particular server: retrieving in the gateway stored login information provided by

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the particular user for logging the particular user in to the particular server; especially forwarding the retrieved login information to the particular user's wireless terminal for possible modification by the user; returning the retrieved login information from the wireless terminal to the gateway; and forwarding the retrieved login information to the particular server.

Substantially regarding claim 7, the prior art of record further fails to disclose the apparatus for logging users of mobile terminals in to wide-area network (WAN) servers in the system for connecting users at wireless terminals to WAN servers via the wireless telephone network connected to the WAN gateway, which comprises the data store in the gateway for storing, for each user, correlations of: WAN servers to which the user has logged in and login information for each of the WAN servers to which the user has logged in, first logic in the gateway for receiving the login request for the particular server and for determining according to the data store whether the server is one of the WAN servers to which the user has previously logged in, second logic in the gateway conditioned by the first logic for forwarding to the user the solicitation of login information, for receiving solicited login information from the user, and for storing the login information in the data store if the first logic has determined that the user has not previously logged in to the server, third logic in the gateway conditioned by the first logic for retrieving login information from the data store if the first logic has determined that the user has previously logged in to the server, especially wherein the third logic forwards to the login information to the user for possible modification and accepts the login information back from the user regardless of whether modified and fourth logic in the gateway for forwarding the stored login information to the server.

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Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

### ***Conclusion***

4. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure.

**Jiang et al.** (U.S.6,741,853), **Pentikainen et al.** (U.S.2004/0073713) and **Perkins, Charles E.** ("Mobile IP Joins Forces with AAA", Nokia Research Center, August 2000, IEEE Personal Communications, 1070-9916, pages 59-61) are all cited to show devices and methods for improving the authentication in the wireless telecommunication architectures, which are considered pertinent to the claimed invention.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Tri H. Phan, whose telephone number is (571) 272-3074. The examiner can normally be reached on M-F (8:00-4:30).

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Chau T. Nguyen can be reached on (571) 272-3126.

**Any response to this action should be mailed to:**

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**Commissioner of Patents and Trademarks**

Washington, D.C. 20231

**or faxed to:**

**(703) 872-9314**

Hand-delivered responses should be brought to Crystal Park II, 2121 Crystal Drive,  
Arlington, VA, Sixth Floor.

Any inquiry of a general nature or relating to the status of this application or proceeding  
should be directed to the Technology Center 2600 Customer Service Office, whose telephone  
number is (703) 305-3900.

Information regarding the status of an application may be obtained from the Patent  
Application Information Retrieval (PAIR) system. Status information for published applications  
may be obtained from either Private PAIR or Public PAIR. Status information for unpublished  
applications is available through Private PAIR only. For more information about the PAIR  
system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR  
system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

A handwritten signature in black ink, appearing to read 'Tri H. Phan', with a stylized flourish at the end.

Tri H. Phan  
February 17, 2005